

P&G Case 6373R2RD2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of :
Glandorf et al. : Confirmation No.
Serial No. 10/694130 : Group Art Unit
Filed October 27, 2003 : Examiner

For Method Of Reducing Staining Of Stannous In Dentifrice Compositions

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, record is being made below in a Form PTO/SB08 of documents which the Patent Office may wish to consider in connection with examination of the above-identified patent application. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case. As provided in §1.97(g), no representation is made or intended that a thorough art search was made. As provided in 37 C.F.R. §1.97(h), this Information Disclosure Statement does not constitute an admission of any kind, and specifically is not an admission that the documents listed on attached form PTO/SB08 are, or are considered to be, material to the patentability of the above-identified patent application, as defined in 37 C.F.R. §1.56(b).

1. ☐ 37 C.F.R. §1.97 (b)(1) - U.S. Direct (within 3-months of filing a regular application or converted provisional)

This information disclosure statement, submitted under 37 C.F.R. §1.97 (b)(1), is being filed within three months of the filing date of a national application. Therefore, no fee is believed to be due.

2. ☐ 37 C.F.R. §1.97 (b)(2) - Via PCT (within 3 mo. of Nat'l Stage Entry)

This information disclosure statement, submitted under 37 C.F.R. §1.97 (b)(2), is being filed within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application. Therefore, no fee is believed to be due.

3. ☒ 37 C.F.R. §1.97 (b)(3) - (>3 mo. after filing direct or nat'l stage entry, but before 1st O.A.)

This information disclosure statement is being submitted under 37 C.F.R. §1.97 (b)(3). Applicants have not received an Office Action on the merits in the present application. Therefore, no fee is believed to be due. However, in the event that this paper is crossing in the mail with a first Office Action on the merits, authorization is hereby given to charge the required fee pursuant to 37 C.F.R. §1.97(c) and 37 C.F.R. §1.17(p) to Deposit Account No. 16-2480 in the name of The Procter & Gamble Company. A duplicate of this letter is enclosed to facilitate charging of the fee, if necessary.

THE FOLLOWING IS ADDITIONAL INFORMATION PERTAINING TO (2) OR (3) MARKED WITH AN (X) ABOVE.

(a) ☐ The Notification of Acceptance of this Application Under 35 U.S.C. §371 indicates that both a copy of the International Search Report and copies of the references cited therein are present in the national stage file. In accordance with MPEP §1893.03(g), it is respectfully requested that the Examiner note the consideration of these references in the first Office Action via the PTO-892 form.

(b) ☐ The Notification of Acceptance of this Application Under 35 U.S.C. §371 indicates that a copy of the International Search Report is present in the national stage file. Copies of the references cited in that report are enclosed.

(c) ☐ The Notification of Acceptance of this Application Under 35 U.S.C. §371 does not indicate that a copy of the International Search Report and copies of the references cited are present in the national stage file. Copies of the International Search Report and references are attached.

4. ☐ 37 C.F.R. §1.97 (b)(4) - (before the mailing of a first Office Action after the filing of a request for continued examination under §1.114)

This information disclosure statement, submitted under 37 C.F.R. §1.97(b)(4), is being filed with the Request for Continued Examination (RCE) under 37 C.F.R. §1.114.

5. ☐ Information to be Considered with CPA Filing. This information disclosure statement is being filed with a Continued Prosecution Application (CPA) filed under 37 CFR 1.53(d).

6. ☐ 37 C.F.R. §1.97(c) with fee payment - (use after 1st Office Action & before Final Office Action or Notice of Allowance)

This information disclosure statement is being submitted under 37 C.F.R. §1.97(c). Applicant(s) have not received a final action under 37 C.F.R. §1.113, a notice of allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (e.g., *Ex parte Quayle*) as of the date of this submission. Applicant(s) elect to pay the fee set forth in 37 C.F.R. §1.17(p). Please charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account Number 16-2480 in the name of The Procter & Gamble Company. A duplicate copy of this letter (or a fee transmittal form) is enclosed to facilitate the charging of the fee.

ADDITIONAL ITEMS TO BE NOTED BY THE EXAMINER:

☒ (1) Copies of the cited references were previously cited by or submitted to the USPTO in prior application Case No. 6373R2RD, U.S. Patent Application Serial No. 10/039,620, filed October 24, 2001, which is a divisional of Case No. 6373R2R, US Application Serial No. 09/451,420 filed November 30, 1999 and now U.S. Patent 6,350,436, which is a continuation-in-part of Case No. 6373R2, U.S. Patent Application Serial No. 09/203,216 filed November 30, 1998, abandoned, which is a continuation in part of Case No. 6373, U.S. Application Serial No. 08/754,577, filed November 21, 1996, now U.S. Patent 5,939,052. Applicants claim priority to said application under 35 U.S.C. §120. Accordingly, copies of those documents are provided with this Statement, pursuant to 37 C.F.R. §1.98(d).

OR

☐ (2) Copies of the cited documents are enclosed.

OR


☐ (3) Copies of all said documents, except document No.'s _____, were submitted and considered in parent application U.S. Patent Application Serial No. _____, filed _____. Applicant(s) claim priority to said application under 35 U.S.C. §120. Accordingly, copies of document No.'s _____ are not provided with this Statement, pursuant to 37 C.F.R. §1.98(d). Copies of document No.'s _____ are enclosed. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case.

☐ (4) Pursuant to 37 C.F.R. §1.98(c), a concise explanation of the relevance of each cited reference that is not in the English language is provided.

☐ (5) Applicants also respectfully request the Examiner to consider and make of record the copending applications listed on the attached page.

☐ Additional information is attached.

Respectfully submitted,

By 
Emelyn L. Hiland
Attorney or Agent for Applicant(s)
Registration No. 41,501
(513) 622-3236

Date: January ~~30~~, 2004

Customer No. 27752

(6373R2RD2 IDS.doc)

CO-PENDING U.S. APPLICATIONS

Entire copies of all co-pending applications (or the portion of the application and claims that caused it to be cited) must be sent with the IDS (see 37 CFR 1.98(a)(2)(iii))

<u>Att. Docket No.</u>	<u>Serial Number</u>	<u>Inventor(s)</u>	<u>Filing Date</u>
AA575M	10/302031	Yue et al.	November 22, 2002
7858M	09/710250	White et al.	November 10, 2000

[Only applications that remain pending at the time of submitting this IDS should be listed here. For applications in which patents have issued, the granted patents should be listed on Form PTO/SB08.]

PTO/SB08A (08-03)

U.S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Under the Paperwork Reduction Project of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.</p> <p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p> <p>SHEET 1 of 1</p>	<p align="center">COMPLETE IF KNOWN</p>	
	Application Number	10/694130
	Confirmation Number	
	Filing Date	October 27, 2003
	First Named Inventor	Glandorf et al.
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	6373R2RD2

[illegible]

FOREIGN PATENT DOCUMENT							Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
EXAMINER INITIALS*	Cite No. ¹	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
EXAMINER						DATE CONSIDERED		

Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Sheet 1 of 1

LIST OF DOCUMENTS CITED BY APPLICANTS (Use several sheets if necessary)	ATTY. DOCKET NO. 6373	SERIAL NO. 08/754,577
	APPLICANT DONALD JAMES WHITE, JR., ET AL.	
	FILING DATE November 21, 1996	GROUP 1205

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	3,130,002	04/21/64	Fuchs	21	2.7	
	4,247,526	01/27/81	Jarvis, et al.	423	266	
	4,460,565	07/17/84	Weststrate, et al.	424	52	
	4,452,713	06/05/84	Small	252	99	
	4,515,772	05/07/85	Parran, Jr., et al.	424	57	
	4,627,977	12/09/86	Gaffar, et al.	424	52	
	4,913,895	04/03/90	Miyake, et al.	424	57	
	5,096,701	03/17/92	White, Jr., et al.	424	52	
	5,176,900	01/05/93	White, Jr., et al.	424	52	
	5,192,532	03/09/93	Guay, et al.	424	53	
	5,368,844	11/29/94	Gaffar, et al.	424	49	
	5,496,540	03/05/96	Gaffar, et al.	424	49	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Draus, F.M., et al., "Pyrophosphate and Hexametaphosphate Effects in <i>In Vitro</i> Calculus Formation", Archs Oral Biol., Vol. 15 (1970), pp. 893-96
EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Patent and Trademark Office - U.S. DEPARTMENT OF COMMERCE

ATTY. DOCKET NO.: 6373	SERIAL NO.: 08/754,577
APPLICANT: White, Jr., et al..	
FILING DATE: November 21, 1996	

PTO-1449 SUPPLEMENT

Examiner's Initial	Application No.	Inventors	Filing Date
	08/754,439	McClanahan, et al.	11/21/96

6373supp

Sheet 1 of 1

LIST OF DOCUMENTS CITED BY APPLICANTS (Use several sheets if necessary)	ATTY. DOCKET NO. 6373R	SERIAL NO. 09/203,215
	APPLICANT WILLIAM MICHAEL GLANDORF	
	FILING DATE November 30, 1998	GROUP 1614

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	3,130,002	4/21/64	Fuchs	21	2.7	
	4,247,526	1/27/81	Jarvis et al.	423	266	
	4,452,713	6/5/84	Small	252	99	
	4,460,565	7/17/84	Weststrate et al.	424	52	
	4,515,772	5/7/85	Parran, Jr. et al.	424	57	
	4,568,540	2/4/86	Asano et al.	424	52	
	4,627,977	12/9/86	Gaffar et al.	424	52	
	4,664,906	5/12/87	Sipos	424	49	
	4,913,895	4/3/90	Miyake et al.	424	57	
	5,000,944	3/19/91	Prencipe et al.	424	57	
	5,004,597	4/2/91	Majeti et al.	424	52	
	5,096,701	3/17/92	White, Jr. et al.	424	52	
	5,176,900	1/5/93	White, Jr. et al.	424	52	
	5,192,532	3/9/93	Guay et al.	424	53	
	5,213,790	5/25/93	Lukacovic et al.	424	52	
	5,320,831	6/14/94	Majeti et al.	424	52	
	5,368,844	11/29/94	Gaffar et al.	424	49	
	5,496,540	3/5/96	Gaffar et al.	424	49	
	5,780,015	7/14/98	Fisher et al.	424	52	
	5,814,303	9/29/98	Williams et al.	424	57	
	5,833,952	11/10/98	Grigor et al.	424	49	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
WO 97/46462	12/11/97	World	A61K	7/16	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Draus, F.J., et al., "Pyrophosphate and Hexametaphosphate Effects in <i>In Vitro</i> Calculus Formation", Archs Oral Biol., Vol. 15 (1970), pp. 893-96
EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Please type a plus sign (+) inside this box → [+]

SUPPL. PTO/SB08A/B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

COMPLETE IF KNOWN

Application Number	10/039,620
Confirmation Number	3530
Filing Date	10/24/01
First Named Inventor	Glandorf et al.
Group Art Unit	1614
Examiner Name	
Attorney Docket Number	6373R2RD

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		US-5,939,052	08-17-1999	The Procter & Gamble Co.	
		US-6,187,295B1	02-13-2001	The Procter & Gamble Co.	
		US-6,350,436B1	02-26-2002	The Procter & Gamble Co.	
		US-6,190,644B1	02-20-2001	The Procter & Gamble Co.	
		US-6,521,216B1	02-18-2003	The Procter & Gamble Co.	
		US-6,555,094B1	04-29-2003	The Procter & Gamble Co.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶

NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

6373R2RD PT0SB08.doc

Please type a plus sign (+) inside this box → [+]

PTO/SB08A (10-01)

Approved for use through 10/31/2002 OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

COMPLETE IF KNOWN

Application Number	
Confirmation Number	
Filing Date	11/22/2002
First Named Inventor	Jian Yue et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	AA575M

U. S. PATENT DOCUMENTS

EXAMINER INITIALS ^a	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		US-4,647,541	03-03-1987	Guadagno et al.	
		US-5,670,137	09-23-1997	Ascione	
		US-6,162,418	12-19-2000	Randive et al.	
		US-6,187,293 B1	02-13-2001	Ballard	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS ^a	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		EP 0638 307 B1	11-26-1997	Jean-Marc Ascione		
		W0 98/22079	05-28-1998	The Procter & Gamble Co.		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS ^a	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

Please type a plus sign (+) inside this box → [+]

SUPPL. PTO/SB08A/B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

COMPLETE IF KNOWN

Application Number	10/302031
Confirmation Number	9236
Filing Date	November 22, 2002
First Named Inventor	Yue et al.
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	AA575M

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		US-5,939,052	08/17/99	The Procter & Gamble Co.	
		US-6,187,295	02-13-01	The Procter & Gamble Co.	
		US-6,190,644B1	02-20-01	The Procter & Gamble Co.	
		US-6,350,436	02-26-02	The Procter & Gamble Co.	
		US-6,521,216	02-18-03	The Procter & Gamble Co.	
		US-6,555,094	04-29/03	The Procter & Gamble Co.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		W0 01/68046A2	09-20-01	The Procter & Gamble Co.		
		W0 98/22080A1	05-28-1998	The Procter & Gamble Co.		

NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

AA575M Suppl. PT0SB08

Sheet 1 of 5

LIST OF DOCUMENTS CITED BY APPLICANTS (Use several sheets if necessary)	ATTY. DOCKET NO. 7858M	SERIAL NO. 09/710,250
	APPLICANT Donald J. White, et al.	
	FILING DATE November 10, 2000	GROUP

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	2,191,199	2/20/40	Hall	167	93	
	2,409,718	10/22/46	Snell et al.	252	106	
	2,498,344	2/21/50	Rider et al.	252	103	
	2,946,725	7/26/60	Norris	167	93	
	3,004,897	10/17/61	Shore	167	93	
	3,130,002	4/21/64	Fuchs et al.	21	2.7	
	3,562,385	2/9/71	Block et al.	424	54	
	3,862,307	1/21/75	DiGiulio	424	52	
	3,932,603	1/13/76	Haas	424	49	
	3,934,002	1/20/76	Haefele	424	54	
	3,959,458	5/25/76	Agricola et al.	424	52	
	4,051,234	9/27/77	Gieske et al	424	52	
	4,206,215	6/03/80	Bailey	424	263	
	4,244,931	01/13/81	Jarvis et al.	423	266	
	4,247,526	01/27/81	Jarvis et al.	423	266	
	4,340,583	07/20/82	Wason	424	52	
	4,357,318	11/02/82	Shah et al.	424	57	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
EP 0026539	09/25/80	Europe	A61K	7/16	X
WO98/51271	04/09/98	World	A61K	7/26	
GB490,384	08/15/38	Great Britain			
CA570,803	02/17/59	Canada			
WO94/14406	07/07/94	World	A61K	7/16	
WO94/14407	07/07/94	World	A61K	7/16	
WO95/09603	04/13/95	World	A61K	7/20	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Draus, F.J., et al. "Pyrophosphate and Hexametaphosphate Effects in <i>In Vitro</i> Calculus Formation", Archs Oral Biol., Vol. 15, pp. 893-896 (1970).
	Opinion, Ex Parte Novitski, U.S. Patent and Trademark, Board of Patent Appeals and Interferences, Decided January 22, 1993, No. 92-1680, USPQ2d 1389
	Kerr, D.A., et al., "Sodium Hexametaphosphate as an Aid in the Treatment of Periodontal Disease", Journal of Dentistry, 23:313-316 (1944)
EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Sheet 2 of 5

LIST OF DOCUMENTS CITED BY APPLICANTS (Use several sheets if necessary)	ATTY. DOCKET NO. 7858M	SERIAL NO. 09/710,250
	APPLICANT Donald J. White, et al.	
	FILING DATE November 10, 2000	GROUP

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	4,370,314	01/25/83	Gaffar	424	54	
	4,452,713	06/05/84	Small	252	99	
	4,459,281	07/10/84	Sipos	424	52	
	4,460,565	07/17/84	Weststrate et al.	424	52	
	4,515,772	05/07/85	Parran, Jr. et al.	424	57	
	4,528,180	07/09/85	Schaeffer	424	52	
	4,528,181	07/09/85	Morton et al.	424	52	
	4,562,066	12/31/85	Hayes et al.	424	52	
	4,568,540	02/04/86	Asano et al.	424	52	
	4,627,977	12/09/86	Gaffer et al.	424	52	
	4,664,906	05/12/87	Sipos	424	49	
	4,687,663	08/18/87	Schaeffer	424	52	
	4,842,847	06/27/89	Amjad	424	52	
	4,849,213	07/18/89	Schaeffer	424	53	
	4,892,725	01/09/90	Amjad	424	49	
	4,894,220	01/16/90	Nabi et al.	424	52	
	4,894,220	01/16/90	Nabi et al.	424	52	
	4,913,895	04/03/90	Miyake et al.	424	52	
	4,939,284	07/03/90	Degenhardt	558	142	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
WO97/46462	12/11/97	World	B65D	35/22	
WO98/04234	02/05/98	World	A61K	7/16	
WO98/47475	10/29/98	World	A61K	7/16	
WO99/20238	04/29/99	World	A61K	7/16	
WO99/53893	10/28/99	World	A61K	7/16	
BE 837701	07/19/76	Belgium*			

*Equivalent for DE 2602981 published 7/77.

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Patent and Trademark Office - U.S. DEPARTMENT OF COMMERCE

Sheet 3 of 5

LIST OF DOCUMENTS CITED BY APPLICANTS (Use several sheets if necessary)	ATTY. DOCKET NO. 7858M	SERIAL NO. 09/710,250
	APPLICANT Donald J. White, et al.	
	FILING DATE November 10, 2000	GROUP

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	4,980,152	12/25/90	Frazier et al.	424	52	
	5,000,944	03/19/91	Prencipe et al.	424	57	
	5,004,597	04/02/91	Majeti et al.	424	52	
	5,009,882	04/23/91	Degenhardt et al.	424	52	
	5,011,913	04/30/91	Benedict et al.	530	390	
	5,015,466	05/14/91	Parran, Jr. et al.	424	52	
	5,041,280	08/20/91	Smigel	424	52	
	5,093,170	03/03/92	Degenhardt et al.	425	55	
	5,094,844	03/10/92	Gaffar et al.	424	52	
	5,017,363	05/21/91	Suhonen	424	52	
	5,096,701	03/17/92	White, Jr. et al.	424	52	
	5,098,711	03/24/92	Hill et al.	424	401	
	5,145,666	09/08/92	Lukacovic et al.	424	52	
	5,176,900	01/05/93	White Jr. et al.	424	52	
	5,192,532	03/09/93	Guay et al.	424	53	
	5,213,789	05/25/93	Degenhardt et al.	424	52	
	5,213,790	05/25/93	Lukacovic et al.	424	52	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Patent and Trademark Office - U.S. DEPARTMENT OF COMMERCE

Sheet 4 of 5

LIST OF DOCUMENTS CITED BY APPLICANTS (Use several sheets if necessary)	ATTY. DOCKET NO. 7858M	SERIAL NO. 09/710,250
	APPLICANT Donald J. White, et al.	
	FILING DATE November 10, 2000	GROUP

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5,256,402	10/26/93	Prencipe et al.	424	53	
	5,281,410	01/25/94	Lukacovic et al.	424	52	
	5,292,501	03/08/94	Degenhardt et al.	424	49	
	5,296,215	03/22/94	Burke et al.	424	49	
	5,296,217	03/22/94	Stookey	424	57	
	5,320,831	06/14/94	Majeti et al.	424	52	
	5,320,832	06/14/94	Catiis et al.	424	52	
	5,338,537	08/16/94	White Jr. et al.	424	57	
	5,368,844	11/29/94	Gaffar et al.	424	49	
	5,372,802	12/13/94	Barrows et al.	424	52	
	5,496,540	03/05/96	Gaffar et al.	424	49	
	5,565,190	10/15/96	Santalucia et al.	424	53	
	5,571,501	11/05/96	Toy	424	49	
	5,578,293	11/26/96	Prencipe et al.	424	49	
	5,589,160	12/31/96	Rice	424	49	
	5,599,525	02/04/97	Hsu et al.	424	49	
	5,601,803	02/11/97	Masters et al.	474	49	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Patent and Trademark Office - U.S. DEPARTMENT OF COMMERCE

Sheet 5 of 5

LIST OF DOCUMENTS CITED BY APPLICANTS (Use several sheets if necessary)	ATTY. DOCKET NO. 7858M	SERIAL NO. 09/710,250
	APPLICANT Donald J. White, et al.	
	FILING DATE November 10, 2000	GROUP

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5,603,920	02/18/97	Rice	424	49	
	5,614,174	03/25/97	Hsu et al.	424	49	
	5,616,313	04/01/97	Williams et al.	424	49	
	5,630,999	05/20/97	Burke et al.	424	49	
	5,632,972	05/27/97	Williams et al.	424	49	
	5,648,064	07/15/97	Gaffar et al.	424	53	
	5,651,958	07/29/97	Rice	424	49	
	5,658,553	08/19/97	Rice	424	49	
	5,719,600	02/10/98	Zahradnik et al.	424	52	
	5,716,601	02/10/98	Rice	424	52	
	5,780,015	07/14/98	Fisher et al.	424	52	
	5,814,303	09/29/98	Williams et al.	424	57	
	5,820,854	10/13/98	Glandorf	424	52	
	5,833,952	11/10/98	Grigor et al.	424	49	
	5,885,553	03/23/99	Michael	424	49	
	5,885,554	03/23/99	Michael et al.	424	49	
	5,891,448	04/06/99	Chow et al.	424	400	
	5,902,568	05/11/99	Ryles et al.	424	53	
	5,939,052	08/17/99	White, Jr. et al.	424	52	
	5,948,390	09/07/99	Nelson et al.	424	54	
	5,980,776	11/09/99	Zakikhani et al.	252	175	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		DATE CONSIDERED

Patent and Trademark Office - U.S. DEPARTMENT OF COMMERCE

ATTY. DOCKET NO.: 7858M	SERIAL NO.: 09/710,250
APPLICANT: White, et al.	
FILING DATE: November 10, 2000	

PTO-1449 SUPPLEMENT

Examiner's Initial	Application No.	Inventors	Filing Date
	09/710,209	Glandorf, et al.	11/10/2000
	09/710,440	Glandorf, et al.	11/10/2000

7858Msupp